

Second: Inter-school Mathematical Competition Staff
NEWS AND ACTIVITIES OF THE SOCIETY

The Inter-school Mathematical Competition was held on the 19th of June 1976. A total of 121 students participated in this pre-university level competition. Each team was given two hours to solve three problems. The competition was held at the Singapore Polytechnic. The results of the competition are given below.

Colloquium Talks

During the period May to August, 1976, the *Society* held the following colloquium talks:

Professor B.C. Rennie (James Cook University of North Queensland)-
Improper (or Generalized) Functions (May 19).

Dr Tseng-Kuo Sheng (University of Newcastle) - Distribution of rational points of the real line (June 2).

Professor J.G. Dhombres (University of Nantes) - Pathology of rational numbers (July 29).

Professor Dr H Heyer (Mathematisches Institut, Universität Tübingen) - Normal distribution of locally compact groups. (August 23).

Public Lecture

The seventh public lecture of the *Society* entitled "What is Catastrophe Theory about?" was given by Professor René Thom of the Institut des Hautes Études Scientifiques, France, on July 7th, 1976.

Mathematical Activities in Singapore

Professor René Thom gave two more talks in Singapore:

- (i) "Jet theory" at Nanyang University.
- (ii) "Catastrophes in Calculus of Variations" at the seminar on Operational Research in decision making.

Inter-school Mathematical Competition

The Inter-school Mathematical Competition was held on the 19th of June 1976. A total of 121 students from 23 schools participated in this pre-university level competition. Each school was allowed to send two teams, each team comprising three students. The competition consisted of two papers which are reproduced in this issue with outlines of the solutions for the second paper. The results of the competition are given below.

Individual results

First : Albert Miao (A.C.S.)
Second: Ernest Cheam Tee Boon (A.C.S.)
Third: (in alphabetical order)

Kou Kin Yong (Hwa Chong J.C.)
Lee Tong Heng (R.I.)
Ong Chai Seng (R.I.)
Sum Siew Tak (R.I.)

Honorable mention: (in alphabetical order)

K.Lakshmanan (N.J.C.)
Siew Teng Kean (C.J.C.)

Team results

First: Anglo-Chinese School.
Ernest Cheam Tee Boon
Albert Miao
Yong Cheng Kiat

Second: Raffles Institution.

Ong Chai Seng

Khoo Boo Cheong

Sum Siew Tak

Third: Raffles Institution.

Siow Yuen Lock

Lee Tong Heng

Quak Ser Khoon

A prize-giving ceremony was held on 24 August 1976 at Hwa Chong Junior College. Mr Ahmad Mattar, Parliamentary Secretary (Education), gave away the prizes.

Anglo-Chinese School was awarded the Singapore Mathematical Society Challenge Shield for sending in the winning team. Each member of the first three teams received a book prize.

Albert Miao received the SEAMS (South-East Asian Mathematical Society) Prize of US\$100.00. Ernest Cheam Tee Boon received a cash prize of S\$100.00. Kou Kin Yong, Lee Tong Heng, Ong Chai Seng and Sum Siew Tak each received a cash prize of S\$50.00. K. Lakshmanan and Siew Teng Kean each received a book prize.

Election to SNAS (Reconstituted) Council

The Honorary Secretary of the *Society*, Dr Louis H.Y.Chen, has been elected as the Honorary General Secretary in the 1976 SNAS (Reconstituted) Council, and Dr Chew Kim Lin, Committee Member of the *Society*, has been elected a Council Member.